

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/25240

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01S3/067

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01S G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 511 083 A (BALL GARY A ET AL) 23 April 1996 (1996-04-23) abstract	1-16
A	US 5 881 188 A (STARODUBOV DMITRY S) 9 March 1999 (1999-03-09) abstract	1-16

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 October 2003

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27/10/2003

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5511083	A	23-04-1996	CA	2212444 A1	06-09-1996
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			EP	0996862 A1	03-05-2000
			US	5972542 A	26-10-1999
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			TW	445382 B	11-07-2001